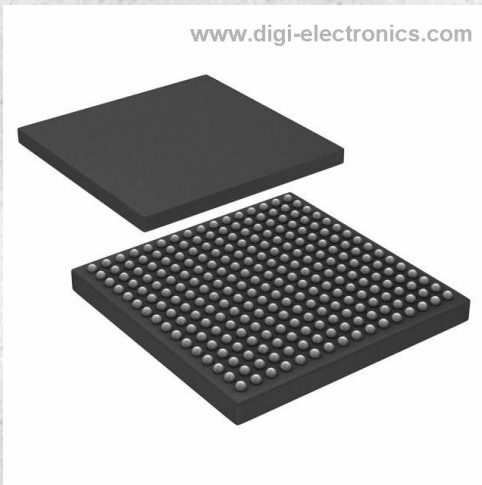


M2S005S-1VF256 Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	M2S005S-1VF256-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	M2S005S-1VF256
Description	IC SOC CORTEX-M3 166MHZ 256FBGA
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 5K Logic Modules 166MHz 256-FPBGA (14x14)

This model M2S005S-1VF256 is available at DiGi Electronics.

DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

We welcome your inquiries regarding pricing, lead time, or other product-related questions.

 [Request a Quote](#)

 [Datasheet Search](#)



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.

Purchase and inquiry

Manufacturer Product Number:

M2S005S-1VF256

Series:

SmartFusion®2

Architecture:

MCU, FPGA

Flash Size:

128KB

Peripherals:

-

Speed:

166MHz

Operating Temperature:

0°C ~ 85°C (TJ)

Supplier Device Package:

256-FPBGA (14x14)

Base Product Number:

M2S005

Manufacturer:

Microchip Technology

Product Status:

Active

Core Processor:

ARM® Cortex®-M3

RAM Size:

64KB

Connectivity:

CANbus, Ethernet, I2C, SPI, UART/USART, USB

Primary Attributes:

FPGA - 5K Logic Modules

Package / Case:

256-LFBGA

Number of I/O:

161

Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

3A991D

OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: Info@DiGi-Electronics.com



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.